

CHAPTER 62-04-06 INDIRECT WASTE PIPING AND SPECIAL WASTE

Section

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62-04-06-01. Indirect wastes.

1. **Airgap or air break required.** All indirect waste piping shall discharge into the building drainage system through an airgap or air break, as set forth in this article.
2. **Connections from water distribution system.** Indirect waste connections shall be provided for drains, overflows, or relief pipes from the water distribution system by means of an airgap.

General Authority: NDCC 43-18.1-03

Law Implemented: NDCC 43-18.1-04

62-04-06-02. Installation of indirect waste piping.

1. **Materials.** Indirect waste piping shall meet the material, pipe sizing, and construction requirements of article 62-03.
2. **Waste pipe.** Any indirect waste pipe exceeding five feet [1.52 meters] in length shall be trapped.
3. **Maximum length.** Any indirect waste pipe exceeding fifteen feet [4.57 meters] shall be vented.
4. **Cleaning.** Indirect waste piping shall be so installed as to permit access for flushing and cleansing.

General Authority: NDCC 43-18.1-03

Law Implemented: NDCC 43-18.1-04

62-04-06-03. Airgap and air break.

1. **Methods of providing an airgap.** The airgap between the indirect waste and the building drainage system shall be at least twice the effective diameter of the drain served and shall be provided by one of the following methods:
 - a. To a receptor - Extend the indirect waste pipe to an open, accessible individual waste sink, floor drain, or other suitable

fixture which is properly trapped and vented. The indirect waste shall terminate a sufficient distance above the flood level rim of the receiving fixture to provide the required airgap, and shall be installed in accordance with article 62-03.

- b. The inlet side of the fixture trap - Provide an airgap in the drain connection on the inlet side of the trap which receives the waste from the indirect waste.

2. **Methods of providing an air break.** When an air break is required between the indirect waste and the building drainage system, the distance to which the outlet of the indirect waste pipe extends below the flood level rim of the receptacle into which it is discharging shall be prescribed by the administrative authority.

General Authority: NDCC 43-18.1-03

Law Implemented: NDCC 43-18.1-04

62-04-06-04. Receptors or sumps.

1. **Installation.** Waste receptors or sumps serving indirect waste pipes shall not be installed in any toilet room, nor in any inaccessible or unventilated space such as a closet or storeroom.
2. **Location.** The receptor must be located so that the required airgap between the indirect waste line and receptor can be maintained under all conditions of backflow. If this is not possible then the receptor at such a location must be a sewer ejector installed as required under section 62-03-11-07 and the discharge must be indirectly connected to the building drainage system as required by subsection 1 of section 62-03-09-01.
3. **Strainers and baskets.** Every indirect waste receptor shall be equipped with a readily removable metal basket over which all indirect waste pipes shall discharge, or the indirect waste receptor outlet shall be equipped with a beehive strainer not less than four inches [10.16 centimeters] in height.
4. **Splashing to be prevented.** All plumbing receptors receiving the discharge of the indirect waste pipes shall be of such shape and capacity as to prevent splashing or flooding.
5. **Domestic or culinary fixtures prohibited as receptors.** No plumbing fixture which is used for domestic or culinary purposes shall be used to receive the discharge of an indirect waste except that in a residence a laundry tray may be used as a receptor for a water conditioning unit.

General Authority: NDCC 43-18.1-03

Law Implemented: NDCC 43-18.1-04

62-04-06-05. Clear water wastes. Water lifts, expansion tanks, cooling jackets, sprinkler systems, drip or overflow pans, water conditioning units, or similar devices which waste clear water only, when emptying into the building drainage system, shall discharge through an indirect waste by means of an airgap or air break.

General Authority: NDCC 43-18.1-03

Law Implemented: NDCC 43-18.1-04